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WASHINGTON, D.C. 20231

PATENT ATTENTION: APPLICATION BRANCH

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Naoto Hirota

For: TRANSVERSE ELECTRIC-FIELD TYPE LIQUID CRYSTAL DISPLAY DEVICE, PROCESS OF
MANUFACTURING THE SAME, AND SCAN-EXPOSING DEVICE

Enclosed are:

- (X) 24 sheet(s) of drawings.
- (X) 44 pages of specification, claims and abstract.
- (X) Small entity status is hereby claimed.
- (X) SIGNED declaration and power of attorney enclosed.

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$750	\$750
Total Claims	17 - 20 =	0 x	\$18	\$0
Independent Claims	6 - 3 =	3 x	\$84	\$252
If application contains any multiple dependent claims(s), then add			\$270	\$0
TOTAL FILING FEE				\$1002
Small Entity (50%)				\$501

(X) A check in the amount of \$501 to cover the filing fee.

(X) Return prepaid postcard.

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June 25, 2003

Commissioner for Patents
P.O. Box 1450, Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : KANEKO.007AUS
Applicant(s) : Naoto Hirota
For : TRANSVERSE ELECTRIC-FIELD TYPE
LIQUID CRYSTAL DISPLAY DEVICE,
PROCESS OF MANUFACTURING THE
SAME, AND SCAN-EXPOSING DEVICE
Attorney : Yasuo Muramatsu
"Express Mail"
Mailing Label No. : EV334343507US
Date of Deposit : June 25, 2003

I hereby certify that the accompanying Transmittal; a patent application in 44 pages of specification and 24 sheets of drawings; a check of \$501 for filing fee; IDS with one reference; signed declaration and power of attorney; assignment with cover sheet and \$40 check for recordation; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Yasuo Muramatsu